

#9

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09531-033001	Application No. 09/918,242
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Stephen C. Ekker et al.	
		Filing Date July 30, 2001	Group Art Unit 3762

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
J	AA	5,142,047	08/25/92	Summerton et al.			
J	AB	5,185,444	02/09/93	Summerton et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
J	AC							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
J	AD	Amsterdam et al., "A large-scale insertional mutagenesis screen in zebrafish," <u>Genes Dev.</u> , 1999, 13:2713-2724
	AE	Arora and Nusslein-Volhard, "Altered mitotic domains reveal fate map changes in <i>Drosophila</i> embryos mutant for zygotic dorsoventral patterning genes," <u>Development</u> , 1992, 114:1003-1024
	AF	Arora et al., "c-Myc Antisense Limits Rat Liver Regeneration and Indicates Role for c-Myc in Regulating Cytochrome P-450 3A Activity," <u>J. Pharmacol. Exp. Ther.</u> , 2000, 292:921-928
	AG	Ashe and Levine, "Local inhibition and long-range enhancement of Dpp signal transduction by Sog," <u>Nature</u> , 1999, 398:427-431
	AH	Ashe et al., "Dpp signaling thresholds in the dorsal ectoderm of the <i>Drosophila</i> embryo," <u>Development</u> , 2000, 127:3305-3312
	AI	Balinsky et al., <u>An Introduction to Embryology</u> , Fifth Edition, 1981, Saunders College Publishing, Philadelphia, pp. 135-152
	AJ	Barabino et al., "Inactivation of the zebrafish homologue of <i>Chx10</i> by antisense oligonucleotides causes eye malformations similar to the ocular retardation phenotype," <u>Mech. Dev.</u> , 1997, 63:133-143
	AK	Belloni et al., "Identification of <i>Sonic hedgehog</i> as a candidate gene responsible for holoprosencephaly," <u>Nature Genetics</u> , 1996, 14:353-356
	AL	Blake et al., "Inhibition of Rabbit Globin mRNA Translation by Sequence-Specific Oligodeoxyribonucleotides," <u>Biochemistry</u> , 1985, 24:6132-6138
	AM	Blake et al., "Hybridization Arrest of Globin Synthesis in Rabbit Reticulocyte Lysates and Cells by Oligodeoxyribonucleoside Methylphosphonates," <u>Biochemistry</u> , 1985, 24:6139-6145
	AN	Braasch and Corey, "Locked nucleic acid (LNA): fine-tuning the recognition of DNA and RNA," <u>Chem. Biol.</u> , 2001, 8:1-7
	AO	Brown et al., "Insights into early vasculogenesis revealed by expression of the ETS-domain transcription factor Fli-1 in wild-type and mutant zebrafish embryos," <u>Mech. Dev.</u> , 2000, 90:237-252
	AP	Carmeliet et al., "Abnormal blood vessel development and lethality in embryos lacking a single VEGF allele," <u>Nature</u> , 1996, 380:435-439
J	AQ	Carmeliet and Collen, "Molecular analysis of blood vessel formation and disease," <u>Am. J. Physiol.</u> , 1997, 273(5, Part 2):H2091-H2104

Examiner Signature

Date Considered



EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

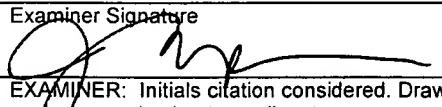
RECEIVED

MAR 27 2002 of 6

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09531-033001	TECHNOLOGY CENTER 1600/2900 09/918,242
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Stephen C. Ekker et al.	
		Filing Date July 30, 2001	Group Art Unit 3762

Other Documents (include Author, Title, Date, and Place of Publication)


Examiner Initial	Desig. ID	Document
	AR	Chang et al., "Twisted gastrulation can function as a BMP antagonist," <u>Nature</u> , 2001, 410:483-487
	AS	Chen et al., "Mutations affecting the cardiovascular system and other internal organs in zebrafish," <u>Development</u> , 1996, 123:293-302
	AT	Cho et al., "Molecular Nature of Spemann's Organizer: the Role of the <i>Xenopus</i> Homeobox Gene <i>gooseoid</i> ," <u>Cell</u> , 1991, 67:1111-1120
	AU	Concordet et al., "Spatial regulation of a zebrafish <i>patched</i> homologue reflects the roles of <i>sonic hedgehog</i> and protein kinase A in neural tube and somite patterning," <u>Development</u> , 1996, 122:2835-2846
	AV	Cook, "Antisense Medicinal Chemistry," <u>The Medicinal Chemistry of Oligonucleotides</u> , 1998, Chapter 2, Springer, New York, pp. 51-101
	AW	Darnell et al., <u>Molecular Cell Biology</u> , 2 nd Edition, 1990, Scientific American Books, W.H. Freeman and Company, New York, pp. 68-74
	AX	Detrich III et al. (eds.), <u>Methods in Cell Biology</u> , Volume 59, 1999, Academic Press, San Diego, California, pp. 3-10
	AY	Detrich III et al., "Intraembryonic hematopoietic cell migration during vertebrate development," <u>Proc. Natl. Acad. Sci. USA</u> , 1995, 92:10713-10717
	AZ	Dick et al., "Essential role of <i>Bmp7</i> (<i>snailhouse</i>) and its prodomain in dorsoventral patterning of the zebrafish embryo," <u>Development</u> , 2000, 127:343-354
	AAA	Driever et al., "A genetic screen for mutations affecting embryogenesis in zebrafish," <u>Development</u> , 1996, 123:37-46
	ABB	Driver et al., "Oligonucleotide-based inhibition of embryonic gene expression," <u>Nat. Biotechnol.</u> , 1999, 17:1184-1187
	ACC	Ekker et al., "Patterning activities of vertebrate <i>hedgehog</i> proteins in the developing eye and brain," <u>Curr. Biol.</u> , 1995, 5(8):944-955
	ADD	Ekker and Larson, "Morphant Technology in Model Developmental Systems," <u>Genesis</u> , 2001, 30:89-93
	AEE	Fekany et al., "The zebrafish <i>bozozok</i> locus encodes Dharma, a homeodomain protein essential for induction of gastrula organizer and dorsoanterior embryonic structures," <u>Development</u> , 1999, 126:1427-1438
	AFF	Ferguson et al., " <i>decapentaplegic</i> Acts As a Morphogen to Organize Dorsal-Ventral Pattern in the <i>Drosophila</i> Embryo," <u>Cell</u> , 1992, 71:451-461
	AGG	Ferguson and Anderson, "Localized enhancement and repression of the activity of the TGF- β family member, <i>decapentaplegic</i> , is necessary for dorsal-ventral pattern formation in the <i>Drosophila</i> embryo," <u>Development</u> , 1992, 114:583-597
	AHH	Ferrara et al., "Heterozygous embryonic lethality induced by targeted inactivation of the VEGF gene," <u>Nature</u> , 1996, 380:439-442
	AII	Ferrara, "Molecular and biological properties of vascular endothelial growth factor," <u>J. Mol. Med.</u> , 1999, 77:527-543
	AJJ	Fisher et al., "Loss of <i>cerebum</i> function ventralizes the zebrafish embryo," <u>Development</u> , 1997, 124:1301-1311
	AKK	Fouquet et al., "Vessel Patterning in the Embryo of the Zebrafish: Guidance by Notochord," <u>Dev. Biol.</u> , 1997, 183:37-48

Examiner Signature 	Date Considered 3-8-03
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09531-033001	Application No. 09/918,242
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Stephen C. Ekker et al.	RECEIVED MAR 25 2002 TECHNOLOGY CENTER, R3700
		Filing Date July 30, 2001	

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	ALL	Froehler et al., "Phosphoramidate analogues of DNA: synthesis and thermal stability of heteroduplexes," <u>Nucl. Acids Res.</u> , 1988, 16(11):4831-4839
	AMM	Gates et al. "A Genetic Linkage Map for Zebrafish: Comparative Analysis and Localization of Genes and Expressed Sequences," <u>Genome Res.</u> , 1999, 9:334-347
	ANN	Gerber et al., "VEGF is required for growth and survival in neonatal mice," <u>Development</u> , 1999, 126:1149-1159
	AOO	Gritsman et al., "The EGF-CFC Protein One-Eyed Pinhead Is Essential for Nodal Signaling," <u>Cell</u> , 1999, 97:121-132
	APP	Haerry et al., "Synergistic signaling by two BMP ligands through the SAX and TKV receptors controls wing growth and patterning in <i>Drosophila</i> ," <u>Development</u> , 1998, 125:3977-3987
	AQQ	Haffter et al., "The identification of genes with unique and essential functions in the development of the zebrafish, <i>Danio rerio</i> ," <u>Development</u> , 1996, 123:1-36
	ARR	Haigh et al., "Conditional inactivation of VEGF-A in areas of collagen2a1 expression results in embryonic lethality in the heterozygous state," <u>Development</u> , 2000, 127:1445-1453
	ASS	Halpern et al., "Genetic Interactions in Zebrafish Midline Development," <u>Dev. Biol.</u> , 1997, 187:154-170
	ATT	Hammerschmidt et al., " <i>dino</i> and <i>mercedes</i> , two genes regulating dorsal development in the zebrafish embryo," <u>Development</u> , 1996, 123:95-102
	AUU	Harland and Gerhart, "Formation and Function of Speman's Organizer," <u>Annu. Rev. Cell Dev. Biol.</u> , 1997, 13:611-667
	AVV	Heasman et al., "β-Catenin Signaling Activity Dissected in the Early <i>Xenopus</i> Embryo: A Novel Antisense Approach," <u>Dev. Biol.</u> , 2000, 222:124-134
	AWW	Holley et al., "The <i>Xenopus</i> Dorsalizing Factor noggin Ventralizes <i>Drosophila</i> Embryos by Preventing DPP from Activating Its Receptor," <u>Cell</u> , 1996, 86:607-617
	AXX	Holley and Ferguson, "Fish are like flies are like frogs: conservation of dorsal-ventral patterning mechanisms," <u>BioEssays</u> , 1997, 19(4):281-284
	AYY	Hukriede et al., "Radiation hybrid mapping of the zebrafish genome," <u>Proc. Natl. Acad. Sci. USA</u> , 1999, 96:9745-9750
	AZZ	Hunter, "Gene silencing: Shrinking the black box of RNAi," <u>Curr. Biol.</u> , 2000, 10:R137-R140
	AAAA	Hyatt and Ekker, "Vectors and Techniques for Ectopic Gene Expression in Zebrafish," <u>Methods Cell Biol.</u> , 1999, 59:117-126
	ABBB	Ivics et al., "Molecular Reconstruction of <i>Sleeping Beauty</i> , a <i>Tc1</i> -like Transposon from Fish, and Its Transposition in Human Cells," <u>Cell</u> , 1997, 91:501-510
	ACCC	Jayaraman et al., "Selective inhibition of <i>Escherichia coli</i> protein synthesis and growth by nonionic oligonucleotides complementary to the 3' end of 16S rRNA," <u>Proc. Natl. Acad. Sci. USA</u> , 1981, 78:1537-1541
	ADDD	Jowett, "Analysis of Protein and Gene Expression," <u>Methods Cell Biol.</u> , 1999, 59:63-85
	AEEE	Kappas et al., "The Porphyrins," <u>The Metabolic and Molecular Bases of Inherited Disease</u> , 6th Edition, 1995, McGraw-Hill, Inc., New York, pp. 2103-2159
	AFFF	Kennerdell and Carthew, "Use of dsRNA-Mediated Genetic Interference to Demonstrate that <i>frizzled</i> and <i>frizzled 2</i> Act in the Wingless Pathway," <u>Cell</u> , 1998, 95:1017-1026

Examiner Signature 	Date Considered 3-8-03
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09531-033001	Application No. 09/918,242
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Stephen C. Ekker et al.	
		Filing Date July 30, 2001	
(37 CFR §1.98(b))		Group Art Unit 3762	MAR 2 5 2002 TECHNOLOGY CENTER R3700

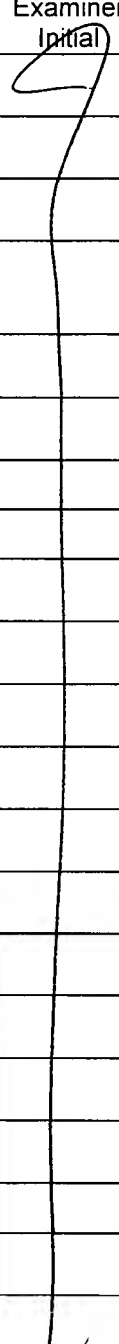
Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
J	AGGG	Kishimoto et al., "The molecular nature of zebrafish <i>swirl</i> : BMP2 function is essential during early dorsoventral patterning," <u>Development</u> , 1997, 124:4457-4466
	AHHH	Koos and Ho, "The <i>nieuwkoid/dharma</i> Homeobox Gene Is Essential for <i>bmp2b</i> Repression in the Zebrafish Pregastrula," <u>Dev. Biol.</u> , 1999, 215:190-207
	AIII	Krauss et al., "Expression of the zebrafish paired box gene <i>pax[zf-b]</i> during early neurogenesis," <u>Development</u> , 1991, 113:1193-1206
	AJJJ	Krauss et al., "A Functionally Conserved Homolog of the Drosophila Segment Polarity Gene <i>hh</i> Is Expressed in Tissues with Polarizing Activity in Zebrafish Embryos," <u>Cell</u> , 1993, 75:1431-1444
	AKKK	Li et al., "Expression of two zebrafish <i>orthodenticle</i> -related genes in the embryonic brain," <u>Mech. Dev.</u> , 1994, 48:229-244
	ALLL	Li et al., "Double-Stranded RNA Injection Produces Null Phenotypes in Zebrafish," <u>Dev. Biol.</u> , 2000, 217:394-405
	AMMM	Liang et al., "Cloning and characterization of vascular endothelial growth factor (VEGF) from zebrafish, <i>Danio rerio</i> ," <u>Biochim. Biophys. Acta</u> , 1998, 1397:14-20
	ANNN	Lister et al., " <i>nacre</i> encodes a zebrafish microphthalmia-related protein that regulates neural-crest-derived pigment cell fate," <u>Development</u> , 1999, 126:3757-3767
	AOOO	Marques et al., "Production of a DPP Activity Gradient in the Early Drosophila Embryo through the Opposing Actions of the SOG and TLD Proteins," <u>Cell</u> , 1997, 91:417-426
	APPP	Mason et al., "Dorsal midline fate in <i>Drosophila</i> embryos requires <i>twisted gastrulation</i> , a gene encoding a secreted protein related to human connective tissue growth factor," <u>Genes Dev.</u> , 1994, 8:1489-1501
	AQQQ	Miller et al., "Nonionic Nucleic Acid Analogues. Synthesis and Characterization of Dideoxyribonucleoside Methylphosphonates," <u>Biochemistry</u> , 1979, 18(23):5134-5143
	ARRR	Miller et al., "Oligothymidylate Analogues Having Stereoregular, Alternating Methylphosphonate/Phosphodiester Backbones," <u>J. Biol. Chem.</u> , 1980, 255(20):9659-9665
	ASSS	Miller et al., "Control of ribonucleic acid function by oligonucleoside methylphosphonates," <u>Biochimie</u> , 1985, 67:769-776
	ATTT	Miller-Bertoglio et al., "Differential Regulation of <i>chordin</i> Expression Domains in Mutant Zebrafish," <u>Dev. Biol.</u> , 1997, 192:537-550
	AUUU	Miller-Betoglio et al., "Maternal and Zygotic Activity of the Zebrafish <i>ogon</i> Locus Antagonizes BMP Signaling," <u>Dev. Biol.</u> , 1999, 214:72-86
	AVVV	Muenke and Beachy, "Genetics of ventral forebrain development and holoprosencephaly," <u>Curr. Opin. Gen. Dev.</u> , 2000, 10:262-269
AWWW	Mullins et al., "Genes establishing dorsoventral pattern formation in the zebrafish embryo: the ventral specifying genes," <u>Development</u> , 1995, 123:81-93	
AXXX	Murakami et al., "Characterization of Sequence-Specific Oligodeoxyribonucleoside Methylphosphonates and Their Interaction with Rabbit Globin mRNA," <u>Biochemistry</u> , 1985, 24:4041-4046	
AYYY	Nasevicius and Ekker, "Effective targeted gene 'knockdown' in zebrafish," <u>Nature Genetics</u> , 2000, 26:216-220	
AZZZ	Nasevicius and Ekker, "The zebrafish as a novel system for functional genomics and therapeutic development applications," <u>Curr. Opin. Mol. Ther.</u> , 2001, 3(3):224-228	

Examiner Signature 	Date Considered 3.08.03
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09531-033001	Application No. 09/918,242
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Stephen C. Ekker et al.	RECEIVED MAR 25 2002 TECHNOLOGY CENTER R3700
		Filing Date July 30, 2001	
(37 CFR §1.98(b))			

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AAAAA	Oates et al., "Zebrafish <i>stat3</i> Is Expressed in Restricted Tissues During Embryogenesis and <i>stat1</i> Rescues Cytokine Signaling in a <i>STAT1</i> -Deficient Human Cell Line," <i>Dev. Dyn.</i> , 1999, 215:352-370
	BBBBB	Oates et al., "Too Much Interference: Injection of Double-Stranded RNA Has Nonspecific Effects in the Zebrafish Embryo," <i>Dev. Biol.</i> , 2000, 224:20-28
	CCCCC	Oelgeschlager et al., "The evolutionarily conserved BMP-binding protein Twisted gastrulation promotes BMP signalling," <i>Nature</i> , 2000, 405:757-763
	DDDDD	Parichy et al., "Zebrafish <i>sparse</i> corresponds to an orthologue of <i>c-kit</i> and is required for the morphogenesis of a subpopulation of melanocytes, but is not essential for hematopoiesis of primordial germ cell development," <i>Development</i> , 1999, 126:3425-3436
	EEEEE	Piccolo et al., "Dorsoventral Patterning in <i>Xenopus</i> : Inhibition of Ventral Signals by Direct Binding of Chordin to BMP-4," <i>Cell</i> , 1996, 86:589-598
	FFFFF	Pitha et al., "Poly(I-Vinyluracil): The Preparation and Interactions with Adenosine Derivatives," <i>Biochim. Biophys. Acta</i> , 1970, 204:39-48
	AGGGG	Pitha and Pitha, "Preparation and Properties of Poly-9-vinyladenine," <i>Biopolymers</i> , 1970, 9:965-977
	AHHHH	Postlethwait et al., "The Zebrafish Genome," <i>Methods Cell Biol.</i> , 1999, 60:149-163
	AIIII	Qin et al., "In Vivo Evaluation of a Morpholino Antisense Oligomer Directed Against Tumor Necrosis Factor- α ," <i>Antisense Nucleic Acid Drug Dev.</i> , 2000, 10:11-16
	AJJJJ	Ransom et al., "Characterization of zebrafish mutants with defects in embryonic hematopoiesis," <i>Development</i> , 1996, 123:311-319
	AKKKK	Ray et al., "The control of cell fate along the dorsal-ventral axis of the <i>Drosophila</i> embryo," <i>Development</i> , 1991, 113:35-54
	ALLLL	Raz et al., "Transposition of the nematode <i>Caenorhabditis elegans</i> <i>Tc3</i> element in the zebrafish <i>Danio rerio</i> ," <i>Curr. Biol.</i> , 1997, 8:82-88
	AMMMM	Roessler et al., "Mutations in the human <i>Sonic Hedgehog</i> gene cause holoprosencephaly," <i>Nature Genetics</i> , 1996, 14:357-360
	ANNNN	Ross et al., "Twisted gastrulation is a conserved extracellular BMP antagonist," <i>Nature</i> , 2001, 410:479-483
	AOOOO	Sasai et al., "Xenopus <i>chordin</i> : A Novel Dorsalizing Factor Activated by Organizer-Specific Homeobox Genes," <i>Cell</i> , 1994, 79:779-790
	APPPP	Schauerte et al., "Sonic hedgehog is not required for the induction of medial floor plate cells in the zebrafish," <i>Development</i> , 1998, 125:2983-2993
AQQQQ	Schier et al., "The <i>one-eyed pinhead</i> gene functions in mesoderm and endoderm formation in zebrafish and interacts with <i>no tail</i> ," <i>Development</i> , 1997, 124:327-342	
ARRRR	Schulte-Merker et al., " <i>no tail (ntl)</i> is the zebrafish homologue of the mouse <i>T (Brachyury)</i> gene," <i>Development</i> , 1994, 120:1009-1015	
ASSSS	Schulte-Merker et al., "The zebrafish organizer requires <i>chordino</i> ," <i>Nature</i> , 1997, 387:862-863	
ATTTT	Scott et al., "Homologues of Twisted gastrulation are extracellular cofactors in antagonism of BMP signalling," <i>Nature</i> , 2001, 410:475-478	
AUUUU	Segal and Gelbart, "Shortvein, a New Component of the Decapentaplegic Gene Complex in <i>Drosophila Melanogaster</i> ," <i>Genetics</i> , 1985, 109:119-143	
AVVVV	Stainier et al., "Mutations affecting the formation and function of the cardiovascular system in the zebrafish embryo," <i>Development</i> , 1996, 123:285-292	

TECH CENT

MAR 2

Examiner Signature [Signature]	Date Considered 3-8-03
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

 RECEIVED
 MAR 27 2002
 TECH CENTER 1601298

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09531-033001	Application No. 09/918,242
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Stephen C. Ekker et al.	RECEIVED MAR 25 2002 MAR 27 2001 Group Art Unit 3762 TECHNOLOGY CENTER EAST
		Filing Date July 30, 2001	

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AWWW	Strahle et al., "Axial, a zebrafish gene expressed along the developing body axis; shows altered expression in <i>Cyclops</i> mutant embryos," <u>Genes Dev.</u> , 1993, 7:1436-1446
	AXXXX	Summerton, "Morpholino antisense oligomers: the case for an RNase H-independent structural type," <u>Biochim. Biophys. Acta</u> , 1999, 1489:141-158
	AYYYY	Summerton and Weller, "Morpholino Antisense Oligomers: Design, Preparation, and Properties," <u>Antisense Nucl. Acid Drug. Dev.</u> , 1997, 7:187-195
	AZZZZ	Sumoy et al., "A role for notochord in axial vascular development revealed by analysis of phenotype and the expression of VEGF-2 in zebrafish <i>flh</i> and <i>ntl</i> mutant embryos," <u>Mech. Dev.</u> , 1997, 63:15-27
	AAAAA	Svoboda et al., "Selective reduction of dormant maternal mRNAs in mouse oocytes by RNA interference," <u>Development</u> , 2000, 127:4147-4156
	ABBBB	Talbot and Hopkins, "Zebrafish mutations and functional analysis of the vertebrate genome," <u>Genes Dev.</u> , 2000, 14:755-762
	ACCCC	Tanimoto et al., "Hedgehog Creates a Gradient of DPP Activity in <i>Drosophila</i> Wing Imaginal Discs," <u>Mol. Cell</u> , 2000, 5:59-71
	ADDDD	Tavernarakis et al., "Heritable and inducible genetic interference by double-stranded RNA encoded by transgenes," <u>Nature Genetics</u> , 2000, 24:180-183
	AEEEE	Thompson et al., "The <i>cloche</i> and <i>spadetail</i> Genes Differentially Affect Hematopoiesis and Vasculogenesis," <u>Dev. Biol.</u> , 1998, 197:248-269
	AFFFF	Wallis and Muenke, "Molecular Mechanisms of Holoprosencephaly," <u>Mol. Genet. Metab.</u> , 1999, 68:126-138
	AGGGG	Wang et al., "A zebrafish model for hepatoerythropoietic porphyria," <u>Nature Genetics</u> , 1998, 20:239-243
	AHHHH	Wargelius et al., "Double-Stranded RNA Induces Specific Developmental Defects in Zebrafish Embryos," <u>Biochem. Biophys. Res. Commun.</u> , 1999, 263:156-161
	AIIII	Weinberg et al., "Developmental regulation of zebrafish <i>MyoD</i> in wild-type, <i>no tail</i> and <i>spadetail</i> embryos," <u>Development</u> , 1996, 122:271-280
	AJJJJ	Weinstein et al., " <i>gridlock</i> , a localized heritable vascular patterning defect in the zebrafish," <u>Nature Medicine</u> , 1995, 1(11):1143-1147
	AKKKK	Westerfield, <u>The Zebrafish Book: A guide for the laboratory use of zebrafish</u> , 3 rd Edition, 1995, University of Oregon Press (Table of Contents only)
	ALLLL	Wharton et al., "An activity gradient of <i>decapentaplegic</i> is necessary for the specification of dorsal pattern elements in the <i>Drosophila</i> embryo," <u>Development</u> , 1993, 117:807-822
	MMMM	Wianny and Zernicka-Goetz, "Specific interference with gene function by double-stranded RNA in early mouse development," <u>Nature Cell Biology</u> , 2000, 2:70-75
	ANNNN	Yu et al., "Processing of the <i>Drosophila</i> Sog protein creates a novel BMP inhibitory activity," <u>Development</u> , 2000, 127:2143-2154
	AOOOO	Zernicka-Goetz, "Jumping the gun on mouse gene expression," <u>Nature</u> , 2000, 405:733
	APPPP	Zhang et al., "Positional Cloning Identifies Zebrafish <i>one-eyed pinhead</i> as a Permissive BMP-Related Ligand Required during Gastrulation," <u>Cell</u> , 1998, 92:241-251
	AQQQQ	Zhong et al., " <i>gridlock</i> , an HLH Gene Required for Assembly of the Aorta in Zebrafish," <u>Science</u> , 2000, 287:1820-1824

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified) FEB 05 2003 Information Disclosure Statement by Applicant (Use additional sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09531-033001	Application No. 09/918,242
	Applicant Stephen C. Ekker et al.		
	Filing Date July 30, 2001	Group Art Unit 1635	

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED
FEB 06 2003
TECH CENTER 1600/2900

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
<i>gm</i>	AQ	Stirchak and Summerton, "Uncharged Stereoregular Nucleic Acid Analogues. 1. Synthesis of a Cytosine-Containing Oligomer with Carbamate Internucleoside Linkages," <i>J. Org. Chem.</i> , 1987, 52(19):4202-4206
	AR	
	AS	
	AT	

Examiner Signature

Date Considered

3-8-03

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.